

**CITY OF NEWTON, MASSACHUSETTS
PURCHASING DEPARTMENT
COMPARISON OF BIDS**

**INVITATION #15-31
CIP Project 2 Sewer Rehabilitation**

**Bid Opening: October 16, 2014 - 10:00 AM
Public Works - Lou Taverna**

Bidders

Base Bid

Alternate 1

Alternate 2

Base Bid + Alternate 1

Base Bid + Alternate 1 and 2

National Water Main	Green Mountain Pipeline
\$3,497,114.51	\$3,618,618.00
\$992,437.79	\$840,840.00
<i>\$4,489,552.30</i>	<i>\$4,459,458.00</i>
\$1,135,116.50	\$1,054,237.00
<i>\$5,624,668.80</i>	<i>\$5,513,695.00</i>

Award Recommended To:

Chief Procurement Officer *Date*

Alternate 1

Alternate 2

Department Head _____ Date _____

Mayor or his designee *Date*

NOTES REGARDING BID

Bidders	QTY	National Water Main		Green Mountain Pipeline	
BASE BID		Unit Price	Total	Unit Price	Total
Sewers Complete in Place					
8-inch PVC sewers, per linear foot	184	\$630.60	\$116,030.40	\$1,050.00	\$193,200.00
Controlled density fill, per cubic yard	285	\$89.25	\$25,436.25	\$182.00	\$51,870.00
Building Connection Systems					
2 wyes or tees 8x6 inch wye or tee branches for PVC PIPE EACH	15	\$315.00	\$4,725.00	\$3,800.00	\$57,000.00
6-inch sewer chimneys, per vertical foot	49	\$52.50	\$2,572.50	\$1,750.00	\$85,750.00
6-inch PVC building connections, per linear foot	377	\$246.75	\$93,024.75	\$650.00	\$245,050.00
4-inch PVC underdrains, per linear foot	10	\$52.50	\$525.00	\$650.00	\$6,500.00
8-inch PVC underdrains, per linear foot	13	\$52.50	\$682.50	\$650.00	\$8,450.00
Sewer Manholes and Appurtenances					
Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	4	\$6,825.00	\$27,300.00	\$8,200.00	\$32,800.00
Precast concrete manhole walls and cone, 4.0 ft. diameter, per vertical foot	42	\$105.00	\$4,410.00	\$1,100.00	\$46,200.00
Remove sewer manhole and abandon adjacent sewer line, per manhole	1	\$2,100.00	\$2,100.00	\$3,900.00	\$3,900.00
Additional Earthwork					
Earth excavation and backfill below normal grade, per cubic yard	100	\$10.50	\$1,050.00	\$1.00	\$100.00
Earth excavation and backfill above normal grade, per cubic yard	100	\$0.01	\$1.00	\$1.00	\$100.00
Test pits, per cubic yard	100	\$52.50	\$5,250.00	\$25.00	\$2,500.00
Additional crushed stone, per cubic yard	100	\$36.75	\$3,675.00	\$1.00	\$100.00
Additional gravel, per cubic yard	100	\$36.75	\$3,675.00	\$1.00	\$100.00
Additional concrete encasement, per cubic yard	100	\$73.50	\$7,350.00	\$1.00	\$100.00
Rock excavation and disposal (for new manholes) per cubic yard(minimum)	100	\$60.00	\$6,000.00	\$60.00	\$6,000.00
Rock excavation and disposal (for new manholes) per cubic yard(additional)	100	\$0.01	\$1.00	\$1.00	\$100.00
Pavement Replacement					
Temporary trench width pavement (2-inches thick), per linear foot	586	\$63.00	\$36,918.00	\$1.00	\$586.00
Permanent base course trench width pavement (2 1/2-inches thick), per linear foot	140	\$73.50	\$10,290.00	\$70.00	\$9,800.00
Permanent binder course trench width pavement (2 1/2-inches thick), per linear foot	586	\$73.50	\$43,071.00	\$70.00	\$41,020.00
Permanent top course trench width pavement (1 1/2-inches thick), per linear foot	586	\$52.50	\$30,765.00	\$70.00	\$41,020.00
Additional pavement, per ton	50	\$231.00	\$11,550.00	\$250.00	\$12,500.00
Water and Drain Reconstruction					
Water and drain reconstruction within sewer trench limits, per reconstruction	30	\$105.00	\$3,150.00	\$1,200.00	\$36,000.00
Sewer Line and Manhole Chemical Root Treatment					
Chemical root treatment of 8-inch sewers, per linear foot	21075	\$1.59	\$33,509.25	\$2.00	\$42,150.00
Chemical root treatment of 10-inch sewers, per linear foot	486	\$1.72	\$835.92	\$2.00	\$972.00
Chemical root treatment of 15-inch sewers, per linear foot	284	\$2.73	\$775.32	\$2.00	\$568.00
Chemical root treatment of manholes, per manhole	40	\$125.00	\$5,000.00	\$200.00	\$8,000.00
Cured-in-Place Short Liners					
Cured-in-place short liner for 8-inch sewers, per linear foot	39	\$425.00	\$16,575.00	\$345.00	\$13,455.00

Bidders		National Water Main		Green Mountain Pipeline	
Structural Cured-in-Place Short Liners		Unit Price	Total	Unit Price	Total
Structural Cured-in-place short liner for 8-inch sewers, per linear foot	22	\$425.00	\$9,350.00	\$345.00	\$7,590.00
Cured-in-Place Pipe					
Cured-in-place pipe for 8-inch sewers, per linear foot	44303	\$29.30	\$1,298,077.90	\$31.00	\$1,373,393.00
Cured-in-place pipe for 10-inch sewers, per linear foot	1863	\$35.60	\$66,322.80	\$33.00	\$61,479.00
Cured-in-place pipe for 15-inch sewers, per linear foot	284	\$62.15	\$17,650.60	\$55.00	\$15,620.00
Grout Reinstated service connections, per service	846	\$425.00	\$359,550.00	\$215.00	\$181,890.00
Structural Cured-in-Place Pipe					
Structural cured-in-place pipe for 8-inch sewers, per linear foot	3628	\$29.83	\$108,223.24	\$31.00	\$112,468.00
Structural cured-in-place pipe for 10-inch sewers, per linear foot	124	\$35.60	\$4,414.40	\$33.00	\$4,092.00
Grout Reinstated service connections, per service	72	\$425.00	\$30,600.00	\$215.00	\$15,480.00
Cured-in-Place Lateral Liners					
Cleaning & inspection of laterals in 8-inch to 12 inch diameter mainline, per lateral	13	\$800.00	\$10,400.00	\$735.00	\$9,555.00
Cured in place lateral liner in 8-inch to 12-inch diameter mainline, 5 feet, per lateral	13	\$3,380.00	\$43,940.00	\$2,900.00	\$37,700.00
Cured in place lateral liner in 8-inch to 12-inch diameter mainline, additional footage beyond 5 feet, per linear foot	300	\$20.00	\$6,000.00	\$42.00	\$12,600.00
Service Connection Rehabilitation					
Cutting of protruding service connections, per service	54	\$625.00	\$33,750.00	\$500.00	\$27,000.00
Inspect and test service connection, per service	9	\$400.00	\$3,600.00	\$215.00	\$1,935.00
Grout service connection, per service	9	\$25.00	\$225.00	\$1.00	\$9.00
Sewer Manhole Rehabilitation					
Cementitious lining of manholes, per vertical foot	3376	\$130.00	\$438,880.00	\$93.00	\$313,968.00
Furnish and install manhole frame and cover, per frame and cover	31	\$1,475.00	\$45,725.00	\$1,400.00	\$43,400.00
Build manhole bench and invert, per bench and invert	5	\$800.00	\$4,000.00	\$800.00	\$4,000.00
Furnish and install manhole inflow dish, per inflow dish	43	\$40.00	\$1,720.00	\$135.00	\$5,805.00
Remove flap valve, per flap valve	1	\$3,800.00	\$3,800.00	\$5,000.00	\$5,000.00
Install internal drop connection	6	\$300.00	\$1,800.00	\$400.00	\$2,400.00
Manhole grouting to stop leaks	30	\$775.00	\$23,250.00	\$450.00	\$13,500.00
Sealing of Underdrain Access Ports					
Redirect access port at manhole B071-2, per access port redirected	1	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
Seal access port, per access port	8	\$1,750.00	\$14,000.00	\$900.00	\$7,200.00
Seal underdrain invert, per underdrain invert	14	\$3,400.00	\$47,600.00	\$1,300.00	\$18,200.00
Seal underdrain outlet, per location	1	\$2,800.00	\$2,800.00	\$2,000.00	\$2,000.00
Cleaning and Inspection of Sewers					
Cleaning and inspection of sewers, per linear foot	6596	\$2.50	\$16,490.00	\$2.00	\$13,192.00
Post Construction Flow Isolation					
Post construction flow isolation of sewers, per linear foot	52942	\$0.55	\$29,118.10	\$0.60	\$31,765.20
Allowances for Services of Uniformed Officers					
Uniformed officers for traffic control, per hour	5256	\$49.50	\$260,172.00	\$49.50	\$260,172.00
Mobilization					
Mobilization, lump sum not more than 5%	1	\$112,500.00	\$112,500.00	\$85,406.22	\$85,406.22
Price Adjustments					
Price adjustment for Diesel fuel used in excavation & borrow work, where price variance is five (5) percent or greater	307	\$0.35	\$107.45	\$0.35	\$107.45
Price adjustment for Gasoline used in excavation & borrow work, where price variance is five (5) percent or greater	159	\$0.32	\$50.88	\$0.32	\$50.88
Price adjustment for Diesel fuel used in surfacing (paving), where price variance is five (5) percent or greater	495	\$0.35	\$173.25	\$0.35	\$173.25
Price adjustment for Liquid, Asphalt used in hot mix asphalt mixtures, where price variance is five (5) percent or greater	9	\$64.00	\$576.00	\$64.00	\$576.00
TOTAL BASE BID ITEMS		\$3,497,114.51		\$3,618,618.00	

Bidders		National Water Main		Green Mountain Pipeline	
ALTERNATE BID NO. 1		Unit Price	Total	Unit Price	Total
Sewer Line and Manhole Chemical Root Treatment					
Chemical root treatment of 8-inch sewers, per linear foot	3334	\$1.59	\$5,301.06	\$2.00	\$6,668.00
Chemical root treatment of 10-inch sewers, per linear foot	461	\$1.72	\$792.92	\$2.00	\$922.00
Chemical root treatment of 12-inch sewers, per linear foot	548	\$1.92	\$1,052.16	\$2.00	\$1,096.00
Chemical root treatment of 15-inch sewers, per linear foot	963	\$2.73	\$2,628.99	\$2.00	\$1,926.00
Chemical root treatment of manholes, per manhole	10	\$225.00	\$2,250.00	\$200.00	\$2,000.00
Cured-in-Place Short Liners					
Cured-in-place short liner for 8-inch sewers, per linear foot	33	\$425.00	\$14,025.00	\$345.00	\$11,385.00
Structural Cured-in-Place Short Liners					
Structural Cured-in-place short liner for 8-inch sewers, per linear foot	12	\$425.00	\$5,100.00	\$345.00	\$4,140.00
Cured-in-Place Pipe					
Cured-in-place pipe for 8-inch sewers, per linear foot	9625	\$30.88	\$297,220.00	\$31.00	\$298,375.00
Cured-in-place pipe for 10-inch sewers, per linear foot	1652	\$38.75	\$64,015.00	\$33.00	\$54,516.00
Cured-in-place pipe for 12-inch sewers, per linear foot	1115	\$40.05	\$44,655.75	\$35.00	\$39,025.00
Cured-in-place pipe for 15-inch sewers, per linear foot	1135	\$71.60	\$81,266.00	\$55.00	\$62,425.00
Grout Reinstated service connections, per service	221	\$490.00	\$108,290.00	\$215.00	\$47,515.00
Structural Cured-in-Place Pipe					
Structural Cured-in-place pipe for 8-inch sewers, per linear foot	842	\$30.88	\$26,000.96	\$31.00	\$26,102.00
Structural Cured-in-place pipe for 15-inch sewers, per linear foot	234	\$71.60	\$16,754.40	\$55.00	\$12,870.00
Grout Reinstated service connections, per service	27	\$490.00	\$13,230.00	\$215.00	\$5,805.00
Cured-in-Place Lateral Liners					
Cleaning & inspection of laterals in 8-inch to 12 inch diameter mainline, per lateral	1	\$800.00	\$800.00	\$735.00	\$735.00
Cured-in-place lateral liner in 8-inch to 12 inch diameter mainline, 5 feet, per lateral	1	\$3,380.00	\$3,380.00	\$2,900.00	\$2,900.00
Cured-in-place lateral liner in 8-inch to 12 inch diameter mainline, additional linear footage beyond 5 feet, per linear foot	25	\$20.00	\$500.00	\$42.00	\$1,050.00
Service Connection Rehabilitation					
Cutting of protruding service connections, per service	8	\$690.00	\$5,520.00	\$500.00	\$4,000.00
Inspect and test service connection, per service	7	\$450.00	\$3,150.00	\$215.00	\$1,505.00
Grout service connection, per service	7	\$40.00	\$280.00	\$1.00	\$7.00
Sewer Manhole Rehabilitation					
Cementitious lining of manholes, per vertical foot	1182	\$130.00	\$153,660.00	\$93.00	\$109,926.00
Furnish and install manhole frame and cover, per frame and cover	15	\$1,475.00	\$22,125.00	\$1,400.00	\$21,000.00
Furnish and install manhole inflow dish, per inflow dish	7	\$40.00	\$280.00	\$135.00	\$945.00
Cleaning & Inspection of Sewers					
Cleaning & inspection of sewers, per linear foot	745	\$2.50	\$1,862.50	\$2.00	\$1,490.00
Post Construction Flow Isolation					
Post construction flow isolation of sewers, per linear foot	15321	\$0.55	\$8,426.55	\$0.60	\$9,192.60
Allowances for Services of Uniformed Officers					
Uniformed officers for traffic control, per hour	1557	\$49.50	\$77,071.50	\$49.50	\$77,071.50
Mobilization					
Mobilization, lump sum not more than 5%	1	\$32,800.00	\$32,800.00	\$36,247.90	\$36,247.90
Alternate Bid No.1		\$992,437.79		\$840,840.00	
ALTERNATE BID NO. 2		Unit Price	Total	Unit Price	Total
Cured-in-Place Lateral Liners					
Cleaning and inspection of laterals in 15-inch to 36x24-inch diameter mainline, per lateral	98	\$1,250.00	\$122,500.00	\$840.00	\$82,320.00
Cured-in-place lateral liner in 15-inch to 36x24-inch diameter mainline, 1 foot, per lateral	1	\$9,000.00	\$9,000.00	\$7,600.00	\$7,600.00
Cured-in-place lateral liner in 15-inch to 36x24-inch diameter mainline, 2-feet, per lateral	4	\$9,000.00	\$36,000.00	\$7,600.00	\$30,400.00
Cured-in-place lateral liner in 15-inch to 36x24-inch diameter mainline, 3-feet, per lateral	1	\$9,000.00	\$9,000.00	\$7,600.00	\$7,600.00
Cured-in-place lateral liner in 15-inch to 36x24-inch diameter mainline, 4-feet, per lateral	4	\$9,000.00	\$36,000.00	\$7,600.00	\$30,400.00
Cured-in-place lateral liner in 15-inch to 36x24-inch diameter mainline, 5-feet, per lateral	88	\$9,000.00	\$792,000.00	\$7,600.00	\$668,800.00
Cured-in-place lateral liner in 15-inch to 36x24-inch diameter mainline, additional linear footage beyond 5-feet, per linear foot	1150	\$20.00	\$23,000.00	\$90.00	\$103,500.00
Service Connection Rehabilitation					
Cutting of protruding service connections, per service	2	\$2,500.00	\$5,000.00	\$500.00	\$1,000.00
Allowances for Services of Uniformed Officers					
Uniformed officers for traffic control, per hour	1467	\$49.50	\$72,616.50	\$49.50	\$72,616.50
Mobilization					
Mobilization, lump sum not more than 5%	1	\$30,000.00	\$30,000.00	\$50,000.50	\$50,000.50
TOTAL AMOUNT OF ALTERNATE BID NO. 2		\$1,135,116.50		\$1,054,237.00	